



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL

FORM OGC-3

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

☒ APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☒ FOR AN OIL WELL ☐ OR GAS WELL

NAME OF COMPANY OR OPERATOR

Western Engineering Inc.

DATE

5-13-91

ADDRESS

2011 E. 171st. St.

CITY

Belton

STATE

Mo.

ZIP CODE

64012

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE

Clarke - Beery Belton

WELL NUMBER

CB-2-A

ELEVATION (GROUND)

1089.5

WELL LOCATION

(GIVE FOOTAGE FROM SECTION LINE)

2035'

FT. FROM (N)(S) SECTION LINE

2475'

FEET FROM (E) (W) SECTION LINE

WELL LOCATION

SECTION

16

TOWNSHIP

46N

RANGE

33W

COUNTY

Cass

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 2475' FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE 440' FEET

PROPOSED DEPTH

700'

DRILLING CONTRACTOR, NAME AND ADDRESS

Ram Drilling Belton Mo.

ROTARY OR CABLE TOOLS

Rotary

APPROX. DATE WORK WILL START

6-13-91

NUMBER OF ACRES IN LEASE

NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 24

NUMBER OF ABANDONED WELLS ON LEASE

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?

NAME Marathon Oil Co.

ADDRESS Tulsa Ok.

NO. OF WELLS: PRODUCING 22

INJECTION 1

INACTIVE 1

ABANDONED

STATUS OF BOND

☐ SINGLE WELL

AMOUNT \$

☐ BLANKET BOND

AMOUNT \$ 20,000.

☒ ON FILE

☐ ATTACHED

REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING ZONE AND EXPECTED NEW PRODUCING ZONE; USE BACK OF FORM IF NEEDED.)

PROPOSED CASING PROGRAM

AMOUNT	SIZE	WT/FT	CEM.
20'	6 1/4		5 sks
700	2 1/2		70 sks

APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST

AMOUNT	SIZE	WT/FT	CEM.
20	6 1/4		5 sks
700	2 1/2		70 sks

I, the undersigned, state that I am the Geologist

of the Western Engineering

(company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE

Jeffrey A Taylor

DATE 5-13-91

PERMIT NUMBER

#20529

APPROVAL DATE

5/22/91

APPROVED BY

James H. Williams

- ☒ DRILLER'S LOG REQUIRED
☒ CORE ANALYSIS REQUIRED IF RUN
☒ SAMPLES REQUIRED
☐ SAMPLES NOT REQUIRED
☐ WATER SAMPLES REQUIRED AT

- ☒ E-LOGS REQUIRED IF RUN
☒ DRILL STEM TEST INFO. REQUIRED IF RUN

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MAY 21 1991

NOTE THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE.

I, _____ of the _____ Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE

DATE



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL LOCATION PLAT

FORM OGC-4

OWNER

Western Engineering - Kansas

LEASE NAME

Clarke-Beery Belton Unit

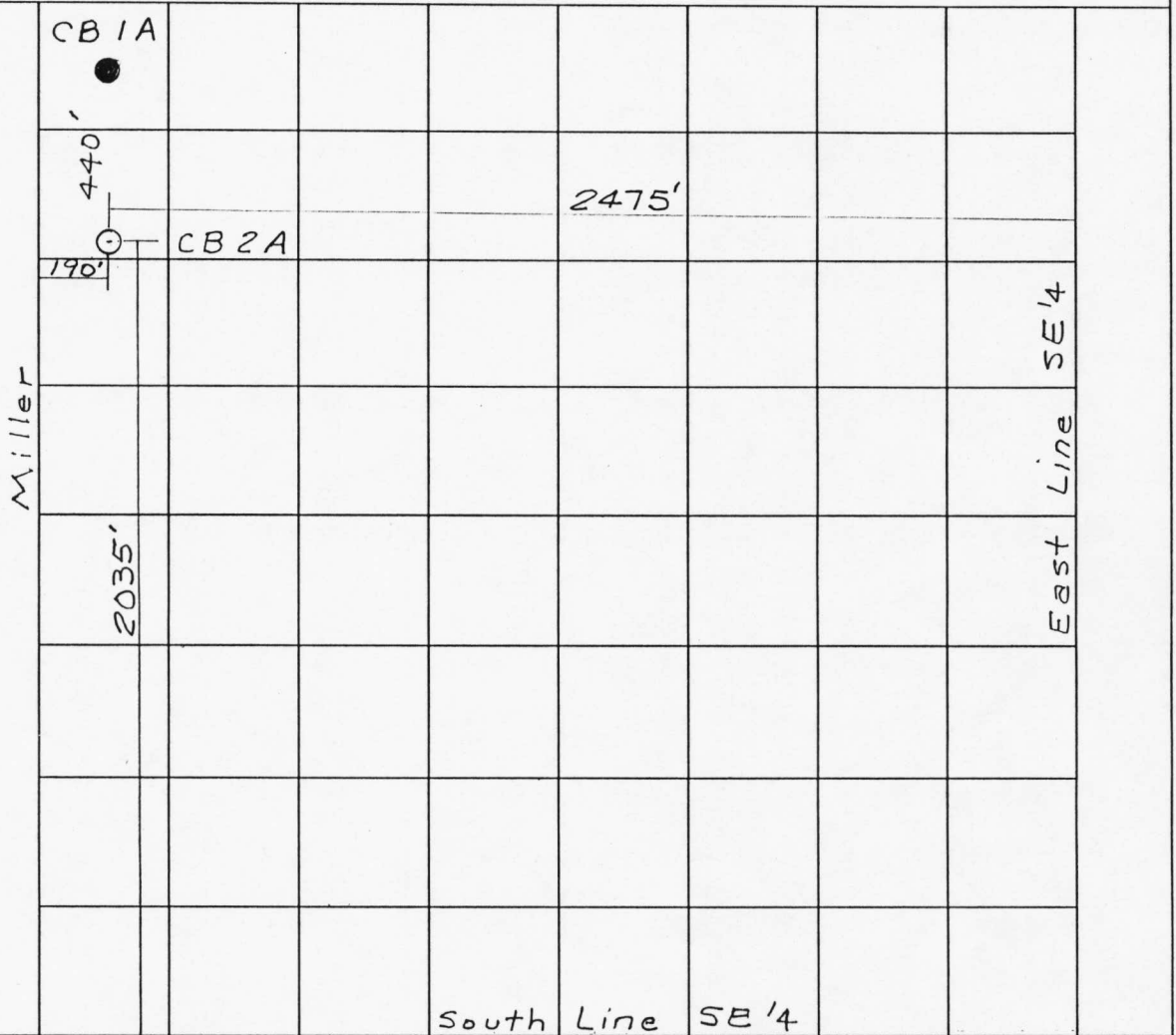
COUNTY

Cass

2035' FEET FROM S SECTION LINE AND 2475' FEET FROM E SECTION LINE OF SEC. 16, TWP 46 N, RANGE 33 W
(N) - (S) (E) - (W)



SCALE
1" = 500'



REMARKS

INSTRUCTIONS

On the above plat, show distance of the proposed well from the two nearest section lines, the nearest lease line, and from the nearest well on the same lease completed in or drilling to the same reservoir. Do not confuse survey lines with lease lines. See rule 10 CSR 50-2.030 for survey requirements. Lease lines must be marked.

This is to Certify that I have executed a survey to accurately locate oil and gas wells in accordance with 10 CSR 50-2.030 and that the results are correctly shown on the above plat.

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LARRY G. KNUDSEN

REGISTERED

LAND SURVEYOR

(SEAL)

REMIT TWO (2) COPIES TO:
MISSOURI OIL AND GAS COUNCIL
P.O. BOX 250, ROLLA, MO 65401

REGISTERED LAND SURVEYOR

Larry G. Knudsen

NUMBER

LS 1760

5/14/91

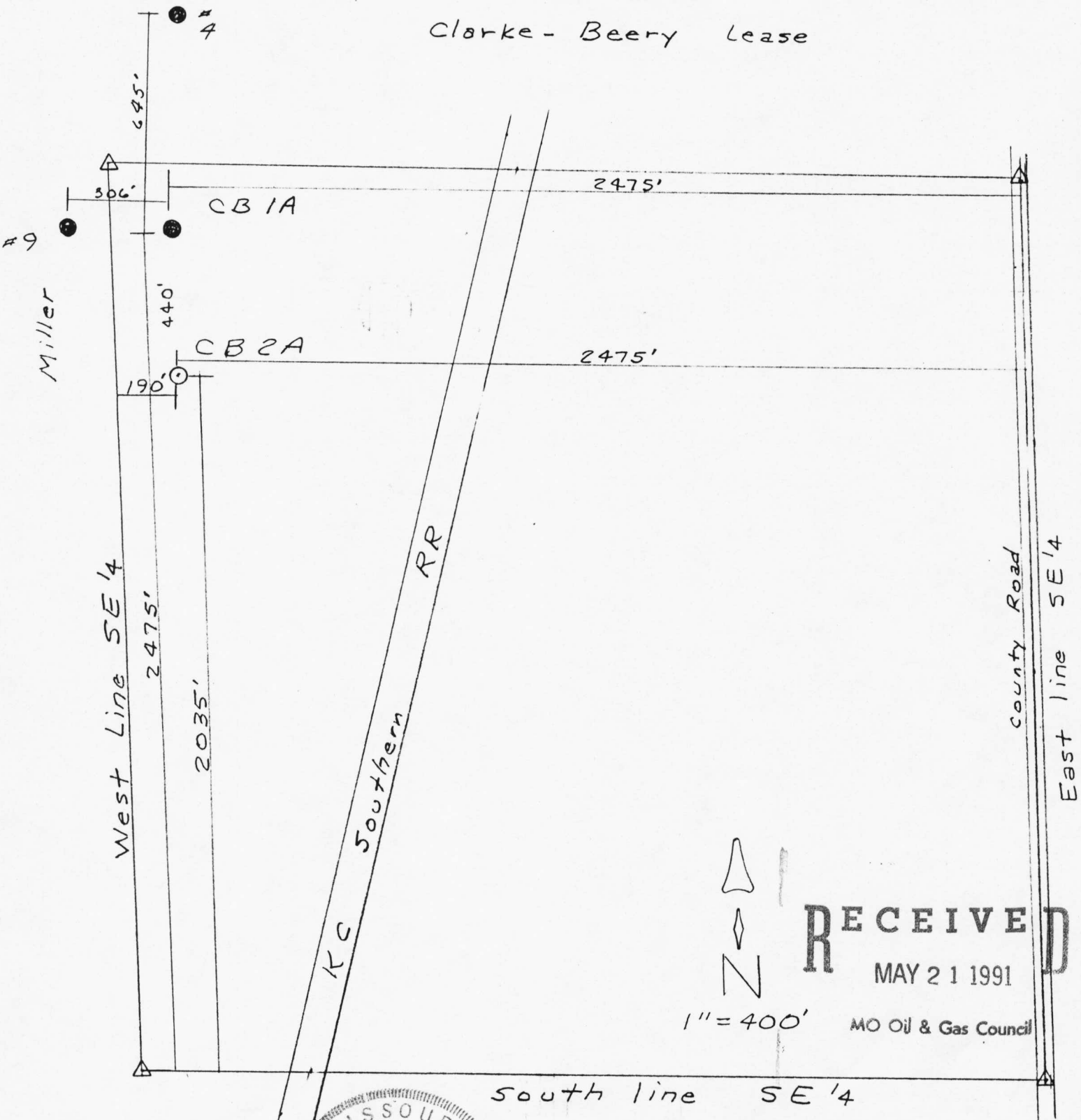
Well Location Map

SE 1/4

Sec 16-T46N-R33W

Cass Co.

Clarke - Beery Lease



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● = existing well
○ = proposed "

WELL REFERENCE TIES

WELL NO. 2A

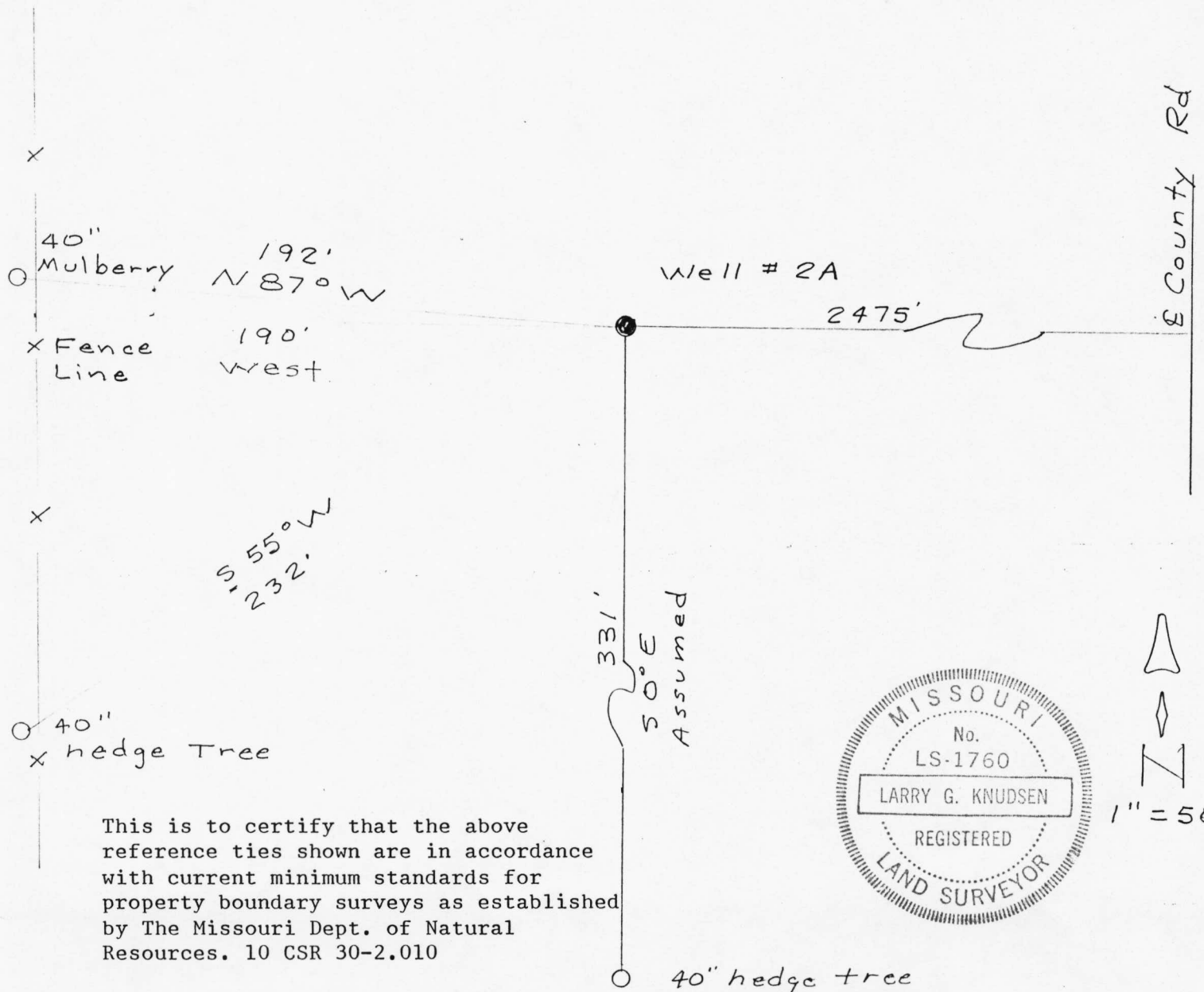
IN

SE. 1/4 OF SEC. 16 T 46 N. R 33 W

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This is to certify that the above reference ties shown are in accordance with current minimum standards for property boundary surveys as established by The Missouri Dept. of Natural Resources. 10 CSR 30-2.010

Larry G. Knudsen



MISSOURI DEPARTMENT OF NATURAL RESOURCES
MISSOURI OIL AND GAS COUNCIL
WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Form OGC-5

☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ INJECTION ☐ SAME RESERVOIR ☐ DIFFERENT RESERVOIR ☒ OIL ☐ GAS ☐ DRY

OWNER Western Engineering / EW Stallings		ADDRESS 2011 E 171st St. Belton, MO 64012	
LEASE NAME Clarke Berry- Belton Unit		WELL NUMBER CB 2A	
LOCATION 2035' FSL 2475' FEL		SEC. TWP. AND RANGE OR BLOCK AND SURVEY 16 46N 33W	
COUNTY Cass	PERMIT NUMBER (OGC-3 OR OGC-31) 20529		
DATE SPUNDED Sept. 10, 1991	DATE TOTAL DEPTH REACHED Sept. 13, 1991	DATE COMPLETED READY TO PRODUCE OR INJECT Oct. 1-91	ELEVATION (DF, RKR, RT, OR Gr.) FEET 1089.5 GR
TOTAL DEPTH 622'	PLUG BACK TOTAL DEPTH 615'		
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION 527' - 615'		ROTARY TOOLS USED (INTERVAL) 0 TO 622	CABLE TOOLS USED (INTERVAL) -----
DRILLING FLUID USED Air	WAS THIS WELL DIRECTIONALLY DRILLED? no		WAS DIRECTIONAL SURVEY MADE? no
WAS COPY OF DIRECTIONAL SURVEY FILED? -----		DATE FILED -----	
TYPE OF ELECTRICAL OR OTHER LOGS RUN (LIST LOGS FILED WITH THE STATE GEOLOGIST) NA			DATE FILED -----

CASING RECORD

CASING (REPORT ALL STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
Surface	8 3/4"	7"		21'	4	None
Casing	2 1/2" 6 3/4"	2 1/2"	8.7	527'	135	None

TUBING RECORD

LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
----- IN.	FEET	FEET	INCH	527 FEET	615' FEET	----	FEET

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FEET	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
none			-----	

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION Oct. 2, 1991		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING - IF PUMPING, SHOW SIZE AND TYPE OF PUMP. Pumping 1 1/2" insert bbl. pump					
DATE OF TEST Oct. 2	HOURS TESTED 1 week	CHOKE SIZE ----	OIL PRODUCED DURING TEST 8.5 bbls.	GAS PRODUCED DURING TEST NA MCF	WATER PRODUCED DURING TEST 170 bbls.	OIL GRAVITY 25 API (CORR.)	
TUBING PRESSURE NA	CASING PRESSURE NA	CALC'D RATE OF PRODUCTION PER 24 HOURS 1.2		OIL 1.2 bbls.	GAS ---- MCF	WATER 24.5 bbls.	
GAS OIL RATIO ----							

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)

vent

METHOD OF DISPOSAL OF MUD PIT CONTENTS

Contents was pumped out and seperated

CERTIFICATE: I, THE UNDERSIGNED, STATE THAT I AM THE Geologist OF THE WEI COMPANY, AND THAT I AM AUTHORIZED BY SAID COMPANY TO MAKE THIS REPORT, AND THAT THIS REPORT WAS PREPARED UNDER MY SUPERVISION AND DIRECTION AND THAT THE FACTS STATED THEREIN ARE TRUE, CORRECT AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DATE Oct. 30, 1991	SIGNATURE <i>J. Taylor</i>	MO Oil & Gas Council
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RAM DRILLING CO.

Well No. CB-2A		SET IN PIPE		PERMANENT CSG.		TUBING		FORMATION DRILLED		
Farm		Size S.C. 7"	Size 2½ U.S.	Size		Size		STRATA THICKNESS	FORMATION DRILLED	T.D.
Water Streak @		Feet 21	Feet 615	Feet		Feet		3	surface	3
Water Level @		Cond.	Cond.	Cond.		Cond.		8	clay	11
Approved		Top Sand	T.D. at Completion 622'	Contractor				34	ls	45
		Superintendent						35	sh	80
DATE	HOURS OF TOUR	DRILLED FROM	TO	Start	Stop	Min	Remarks	Connect.		
		0	1						12	ls 92
		1	2						18	sh 110
		2	3						5	ls 115
		3	4						22	sh 137
		4	5						6	ls,ss 143
		5	6						12	ls 155
		6	7						7	sh 162
		7	8						10	ls 172
		8	9						1	sh 173
		9	0						20	ls 193
		0	1						7	sh 200
		1	2						19	ls 219
		2	3						3	sh 222
		3	4						2	ls 224
		4	5						5	sh 229
		5	6						6	ls 235
		6	7						130	sh 365
		7	8						31	sh,ss 396
		8	9						1	ls 297
		9	0						13	sh 410
		0	1						3	ls 413
		1	2						17	sh 430
		2	3						9	ls 439
		3	4						3	sh 442
		4	5						6	ss 448
		5	6						15	sh 463
		6	7						4	ls 467
		7	8						8	sh 475
		8	9						2	ls 477
		9	0						48	sh 525
		0	1						2	ss,sh 527
		1	2						2	ls,ss 529
		2	3						23	ss,sh 552
		3	4						1	ls 553
		4	5						4	ss,sh 557
		5	6						7	ss,sh 559
		6	7						15	ss 574
		7	8						2	ls 576
		8	9						5	ss 581
		9	0						6	ss,sh 587
									31	ss 618
									2	ss,sh 620
									2	sh 622 TD

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